

Does light travel faster than gravity?

Can gravity travel slower?

Only in religion. In Physics, you are required to identify the invisible, intangible object that mediates gravity. The theorist must begin by proposing an entity in order to explain the mechanism of gravity. For the purposes of Physics, an entity is that which has shape.

We could, for instance, make the comical assumption that many amateurs make: that gravity is mediated by one-way waves or particles. One-way agents can certainly travel, but unfortunately for these misguided enthusiasts they cannot explain what needs to be explained regarding the phenomenon of gravity: attraction. How do you pull on a cart by throwing stones at it?

Likewise, waves must be the waving of something for else the theorist is in effect doing black magic. For the last 400 years, wave theorists have knowingly or unwittingly been waving particles. So, ultimately, there is no difference between the transverse wave and a stream of particles because the transverse wave implies the oscillation of a string of particles. Neither of these proposals can simulate gravity, and that is the only reason Quantum Mechanics has never and will never be able to simulate gravity. Ditto for String Theory!

In order to simulate *pull* you invariably must have an elongated mediator BETWEEN the two objects that are attracted to each other. Therefore, if we assume that all atoms in existence are physically interconnected by an elongated entity, we can readily simulate gravity.

For the sake of argument, let's make that assumption. Let's assume that all atoms of one object are interconnected to those of the other by straight lines. As one object approaches the other, the lines fan out. When the objects recede from each other, the lines come together and tend to lump into a single coaxial. This thought experiment enables us to visualize the invisible mechanism gravitational acceleration.

It also entails, in turn, that an object weighs differently at different locations with respect to the other (a phenomenon usually described as 'field'). In other words, weight changes with location or, in common terms, weight changes instantaneously from one location to the next. That's how fast weight is!

Under this model, 'gravity' travels always at the same speed because gravity doesn't travel at all as it does with one way mechanisms. What is accelerating is a visible object made of atoms. The mechanism that underlies gravity, on the other hand, simply widens and narrows much like a pair of hydraulic scissors.

